



State of Utah

JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

Department of Administrative Services

KIMBERLY HOOD  
Executive Director

Division of Facilities Construction and Management

F. KEITH STEPAN  
Director

## ADDENDUM

Date: 02-12-2007

To: Contractors

From: **Jeff Reddoor    Project Manager**  
**Department of Natural Resources**  
**Snow Canyon State Park, Ivins, Utah 84738-9999**  
**New Maintenance Building**  
**DFCM Project No. 06123510**

Subject: **Addendum No.1**

Pages:	Addendum Cover Page	1 Page
	Architects Clarifications	8 Pages
	Total	9 Pages

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***Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.***

### **SCHEDULE HAS NOT BEEN CHANGED**

#### **1.1 Clarifications to Drawings and Specifications**

*End of Addendum*

## SECTION 10520 - FIRE-PROTECTION SPECIALTIES

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. This Section includes the following:
  - 1. Portable fire extinguishers.

#### 1.3 SUBMITTALS

- A. Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for fire-protection specialties.
  - 1. Fire Extinguishers: Include rating and classification.
- B. Samples for Initial Selection: Manufacturer's color charts consisting of units or sections of units showing the full range of colors, textures, and patterns available for each type of cabinet finish indicated.

#### 1.4 QUALITY ASSURANCE

- A. Source Limitations: Obtain fire extinguishers and cabinets through one source from a single manufacturer.
- B. NFPA Compliance: Fabricate and label fire extinguishers to comply with NFPA 10, "Standard for Portable Fire Extinguishers."
- C. Fire Extinguishers: Listed and labeled for type, rating, and classification by an independent testing agency acceptable to authorities having jurisdiction.
  - 1. Provide extinguishers listed and labeled by FM.

### PART 2 - PRODUCTS

#### 2.1 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
  - 1. Portable Fire Extinguishers:

Snow Canyon State Park, Ivins, Utah  
New Maintenance Building  
Division of Facilities Construction Management

- a. Amerex Corporation.
- b. J.L. Industries, Inc.
- c. Kidde: Walter Kidde, The Fire Extinguisher Co.
- d. Larsen's Manufacturing Company.
- e. Modern Metal Products; Div. of Technico.
- f. Moon/American, Inc.
- g. Pem All; Div. of Pem Systems, Inc.
- h. Potter-Roemer; Div. of Smith Industries, Inc.
- i. Watrous; Div. of American Specialties, Inc.

## 2.2 PORTABLE FIRE EXTINGUISHERS

- A. General: Provide fire extinguishers of type, size, and capacity for locations indicated.
- B. Multipurpose Dry-Chemical Type: UL-rated 4-A:60-B:C, 10-lb (4.5-kg) nominal capacity, in enameled-steel container.

## 2.3 ACCESSORIES

- A. Mounting Brackets: Manufacturer's standard steel, designed to secure extinguisher, of sizes required for types and capacities of extinguishers indicated, with plated or baked-enamel finish.
  - I. Provide brackets for extinguishers not located in cabinets.
- B. Identification: Provide signage to comply with authorities having jurisdiction for letter style, color, size, spacing, and location. Locate as indicated by Architect.
  - I. Identify fire extinguisher with the words "FIRE EXTINGUISHER".
    - a. Lettering Color: Red.

## 2.4 COLORS AND TEXTURES

- A. Colors and Textures: As selected by Architect from manufacturer's full range for these characteristics.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine fire extinguishers for proper charging and tagging.
  - I. Remove and replace damaged, defective, or undercharged units.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

### 3.2 INSTALLATION

- A. Comply with manufacturer's written instructions for installing fire-protection specialties.

Snow Canyon State Park, Ivins, Utah  
New Maintenance Building  
Division of Facilities Construction Management

- B. Install in locations and at mounting heights indicated or, if not indicated, at heights acceptable to authorities having jurisdiction.
  - I. Fasten mounting brackets to structure, square and plumb.

END OF SECTION 10520

## **ADDENDUM NO. 1**

**Date: February 09, 2007**

### **PROJECT:**

Department of Natural Resources  
Snow Canyon State Park, Ivins, Utah 84738-9999  
Mew Maintenance Building  
DFCM Project No. 06123510

### **ARCHITECT:**

**P+A ARCHITECTS**  
**821 EAST KENSINGTON AVENUE**  
**SALT LAKE CITY, UT 84105**

The original Contract Documents issued for the above noted project are amended as noted in this Addendum. It shall be the sole responsibility of the bidder to appropriately disseminate this information to all concerned prior to the assigned bid time and date, and to coordinate the Addendum with the Contract Documents.

This Addendum consists of a total of seven 8 ½"x11" documents, including pages of this document.

If there are still unresolved questions after examining this addendum, please submit those questions via telephone or facsimile as soon as possible so that an addendum can be issued to clarify those issues in a timely manner.

### **Drawing Clarification:**

1. See roof-framing plan drawing S-103 and specification "SECTION 01030 – ALTERNATES", additive alternate No. 1. Note, The base bid price would not include the framing as required for the installation of the skylights. The general contractor will be required to provide the 11-7/8" BCI6000-1.7 @ 16" o.c. in the locations where the skylight framing would be as part of their base bid.

### **Use of site Clarification:**

1. No onsite camping will be allowed for this project. By the awarded general contractor, or any of the awarded contractors subs.

### **Architectural Drawings:**

1. See architectural drawing A-SP101. See detail 03/ASP101. General contractor shall note that all material required for the tortoise fence will be provided by the owner. The general contractor will be required to install the tortoise fencing at the required locations. See attached addendum drawing 01/AD-01 showing alternative fence section installation.

### **Architectural Specification:**

1. Provide 2 (two) 10#ABC portable fire extinguishers as per attached specification 10520 - FIRE-PROTECTION SPECIALTIES. One fire extinguisher to be placed in

Garage Room 101 and one to be located in Work Room 105. Exact fire extinguisher locations to be determined at a later time.

2. See specification SECTION 07533 - THERMOPLASTIC SINGLE-PLY MEMBRANE ROOFING. Specification section heading to be changed to SECTION 07533 – P.V.C. SINGLE-PLY MEMBRANE ROOFING
3. A T.P.O. roof membrane may also be used for the project. The T.P.O. roof membrane must be a D.F.C.M. approved manufacturer and meet all D.F.C.M. warranty requirements
  - a. **TPO-Thermoplastic Single Ply Roofing Membrane** – A smooth type, polyester scrim-reinforced thermoplastic polyolefin based membrane for use as a single ply roofing membrane, complying with the following:

• Thickness	0.060" (60 mils) nominal
• Weight	6.1 oz./sq. ft.
• Breaking Strength	318 lbs. X 288 lbs.
• Resistance to xenon-arc weathering tested and	(ASTM G 155) must be  pass a minimum of 17,640 kJ/m2 or 14,000 hours at an irradiance of 0.35 W/m2.
• Seam Strength	>95% (membrane failure)
• Elongation at Break	24% x 20%
• Heat Aging tested and	(ASTM D 573) must be  pass 28 days @ 240 degrees Fahrenheit with less than 1% dimensional change.
• Tear Strength	80 lbs. x 100 lbs.
• Puncture Resistance	371 lbs.
• Low Temperature Flexibility impact test	Use the Dynamic  (ASTM D 2137) and must pass at no more than 35 degrees Fahrenheit below zero.
• Permeance	0.010 Perms
• Dimensional Change	0.3%
• Water Absorption	1.5%
• Fleece Backed	
• Polyolefin bonded	Reactor grade or molecular
• Hydrostatic Resistance	450 psi
• <b>Color</b>	<b>Patina Green</b>
• Ozone Resistance	No visible deterioration @ 7 x magnification
• Accelerated Weathering	No visible deterioration @ 7 x magnification

**Mechanical:**

1. See attached mechanical addenda items:

**End of Addendum 1**

# ADDENDUM

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Project Name: Snow Canyon Maintenance

Mechanical Addendum No. 1

WHW Project # 06049

Date: 2-8-2007

From: WHW Engineering Inc  
1354 East 3300 South Suite 200  
Salt Lake City, Utah 84106  
Phone (801) 466-4021 Fax (801) 466-8536

To: All bidders

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This Addendum forms and becomes a part of the Contract Documents and modifies the original Bidding Documents dated 10-18-06 as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of 1 page.

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**I - CHANGES TO PRIOR ADDENDA: N/A**

**II - CHANGES TO BIDDING REQUIREMENTS: N/A**

**III - CHANGES TO AGREEMENT & OTHER CONTRACT FORMS: N/A**

**IV – CHANGES/CLARIFICATIONS TO CONDITIONS OF THE CONTRACT: N/A**

**V - CHANGES/CLARIFICATIONS TO SPECIFICATIONS: N/A**

**VI - CHANGES/CLARIFICATIONS TO DRAWINGS: N/A**

## PRIOR APPROVALS

THE FOLLOWING ITEMS, AS SUBMITTED, ARE CONSIDERED, IN GENERAL AND IN NAME ONLY, AS EQUAL TO THOSE ITEMS SPECIFIED. THIS REVIEW DOES NOT RELIEVE THE CONTRACTOR OR SUPPLIER OF THE RESPONSIBILITY OF CONFORMING TO THE DRAWINGS AND SPECIFICATIONS, NOR DOES IT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS FOR COORDINATION WITH OTHER TRADES. ALL DIMENSIONS SHALL BE CONFIRMED AND CORRELATED AT THE JOBSITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS AND THE SUITABILITY OF "EQUAL" PRODUCTS FOR THE SPECIFIED APPLICATION.

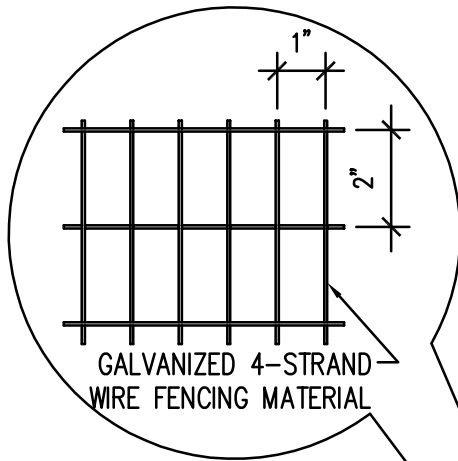
### Description

### Manufacturer

Exhaust Fan  
Electric Unit Heater  
Fan coil Unit  
Volume Dampers  
Motorized Dampers  
Duct Access Doors  
Diffusers, Registers and Grilles

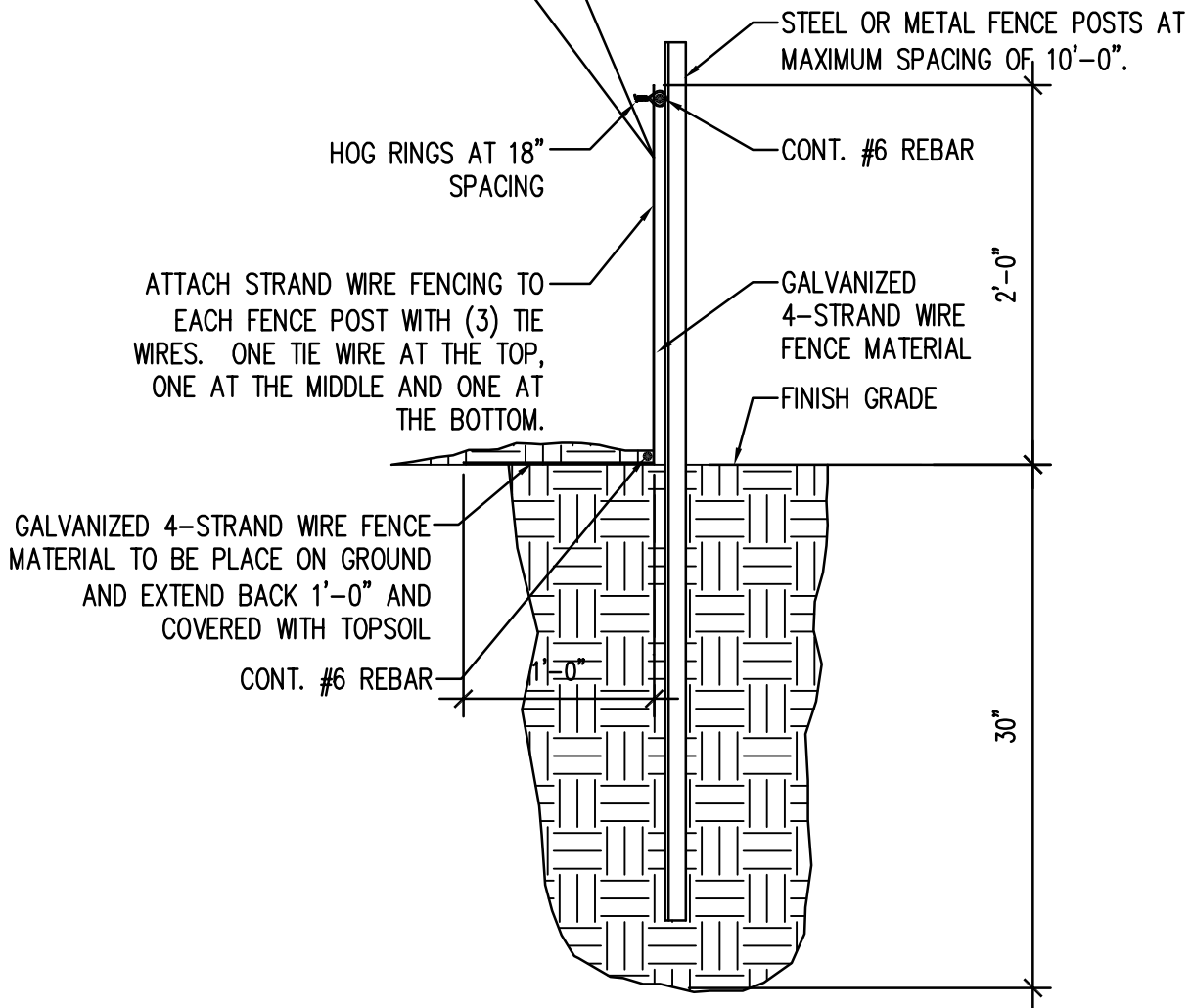
Twin City Fan , Penn  
Markel  
Magic Aire  
Greenheck  
Greenheck  
Greenheck  
Titus





**NOTES:**

1. GENERAL CONTRACTOR SHALL ENSURE THAT FENCE POSTS AND MATERIALS CONFORM TO THE STANDARDS APPROVED BY THE U.S. FISH AND WILDLIFE SERVICE.
2. ATTACH FENCE MATERIAL AT ALL GATES. GENERAL CONTRACTOR SHALL ENSURE THAT CLEARANCE AT BASE OF GATES ACHIEVES ZERO GROUND CLEARANCE.



T-02.dwg

01  
AD-01

# TORTOISE FENCE SECTION

SCALE

1" = 1'-0"